(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 21 October 2004 (21.10.2004)

PCT

(10) International Publication Number

(51) International Patent Classification7: H04L 5/00, H04J 1/00, H04L 12/42

H04Q 11/00,

WO 2004/091249 A1

(21) International Application Number:

PCT/SE2004/000525

(22) International Filing Date:

2 April 2004 (02.04.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/461,407 0301063-4 10 April 2003 (10.04.2003) US 10 April 2003 (10.04.2003)

- (71) Applicant (for all designated States except US): UPZIDE LABS AB [SE/SE]; Aurorum 2, S-977 75 Luleå (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ISAKSSON, Mikael [SE/SE]; Borgmästarevägen 7, S-973 42 Luleå (SE).
- (74) Agent: DR LUDWIG BRANN PATENTBYRÅ AB: Maria Skolgata 83, Box 171 92, S-104 62 Stockholm (SE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

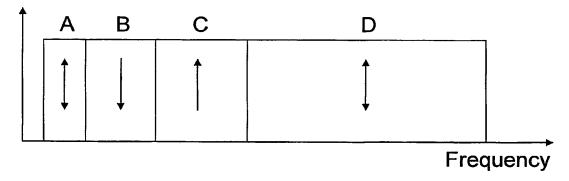
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW. GH. GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD IN A TRANSCEIVER FOR ALLOCATING TRANSMISSION CAPACITY BETWEEN THE TWO DI-RECTIONS OF TRANSMISSION IN WIRE LINE DATA COMMUNICATION



(57) Abstract: A method performed in one single transceiver for allocating transmission capacity between the two directions of transmission in wire line data communication. According to the invention the method comprises the step of allocating from said single transceiver different parts of the available bandwidth to different duplex methods simultaneously. (Fig. 7)

